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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/808,743

03/24/2004

John Armstrong

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92 NATOMA STREET, SUITE 211  
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EXAMINER

CHEEMA, UMAR

ART UNIT

PAPER NUMBER

2144

MAIL DATE

DELIVERY MODE

07/21/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/808,743	<b>Applicant(s)</b> ARMSTRONG ET AL.	
	<b>Examiner</b> UMAR CHEEMA	<b>Art Unit</b> 2144	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 21 April 2008.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-8, 11-21 and 24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8, 11-21 and 24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 April 2008 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>10/16/2007</u> .  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Response to Amendment***

This action is response to the Amendment filed on 04/21/2008. Claims 1 and 14 has been amended and claims 9-10 and 22-23 have been cancelled.

Applicant's arguments, see remarks, filed 04/21/2008, with respect to drawing and specification have been fully considered and are persuasive. The amendment of drawing and specification has been considered by the Examiner.

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-8, 11-21 and 24 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1-2, 4-8, 11-15, 17-21, and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hall et al (Hall) (US 2002/0133555) in view of Kennedy (US 2002/0162028).

Regarding claim 1, Hall discloses a directory server coupled to a third network and located outside a firewall, the third network coupled to a first network, the first network coupled to a network device that comprises information identifying the network device on the first network, wherein the network device is located inside the firewall, the directory server (see abstract, par. 0007; computer network includes a directory server) comprising: a memory (see par. 0017, fig. 2 (154); memory); and a message processor adapted to register the identification information in a directory table in the memory (see par.0020-0021, fig. 2 (152), processor, (400),destination identification process).

Hall discloses substantially the invention as claimed for the given reason above however does not explicitly disclose wherein said a third network and located outside a firewall, the third network coupled to a first network and wherein the network device is located inside the firewall. In the same field of invention Kennedy discloses wherein said a third network and located outside a firewall, the third network coupled to a first network and wherein the network device is located inside the firewall (see figure 1 and the text related to figure, par. 0006, par. 0026-0028).

It would have been obvious to one of the ordinary skill in the art of networking to combine the teaching of Hall and Kennedy for a directory server coupled to multiple networks. Motivation for doing so would have been a system and method for access

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control within the context of a multi-party communications network that provides sufficient security of the data (see Kennedy: par. 0009).

Regarding claim 2, Hall discloses the apparatus of claim 1, wherein the network device comprises one of a computer, personal digital assistant, pager, cellular telephone, handheld messaging device, facsimile machine, copier, printer, telephone, security camera, household appliance, vending machine, kiosk, or digital camera (see par. 0002; PC, scanner, facsimile (fax)).

Regarding claim 4, Hall discloses the apparatus of claim 1, wherein the network device comprises an Internet protocol telephone (see fig. 1 (124); phone line, par. 0015).

Regarding claim 5, Hall discloses the apparatus of claim 1, wherein the network device further comprises a network connection for coupling to the first network (see par. 0015).

Regarding claim 6, Hall discloses the apparatus of claim 1, wherein the first network comprises a local area network (see par. 0015).

Regarding claim 7, Hall discloses the apparatus of claim 1, wherein the first network comprises a plurality of interconnected networks (see par. 0001, 0007).

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Regarding claim 8, Hall discloses the apparatus of claim 1, wherein the directory server is coupled to the first network via a second network that comprises any of a wide area network, global network, public network, or the Internet (see par. 0007, 0015).

Regarding claims 9-10, (Cancelled).

Regarding claim 11, Hall discloses the apparatus of claim 1, wherein the identifying information comprises an address (see par. 0005; email address).

Regarding claim 12, Hall discloses the apparatus of claim 1, wherein the identifying information comprises an address of the network device on the first network (see par. 0007).

Regarding claim 13, Hall discloses the apparatus of claim 1, wherein the first network is coupled to a second network, and the identifying information comprises an address of the first network on the second network (see par. 0007).

Regarding claim 14, Hall discloses a directory server coupled to a third network and located outside a firewall, the third network coupled to a first network, the first network coupled to a network device that comprises information identifying an address of the network device on the first network, wherein the network device is located inside the firewall, the directory server (see abstract, par. 0007; computer network includes a

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directory server) comprising: a memory (see par. 0017, fig. 2 (154); memory); and a message processor adapted to receive an identification message from the network device (see par.0020-0021, fig. 2 (152), processor, (400), destination identification process), the identification message comprising the address (see par. 0005; email address), the message processor adapted to parse the identification message to retrieve the address and store the address in the memory (see par.0020-0021).

Hall discloses substantially the invention as claimed for the given reason above however does not explicitly disclose wherein said a third network and located outside a firewall, the third network coupled to a first network and wherein the network device is located inside the firewall. In the same field of invention Kennedy discloses wherein said a third network and located outside a firewall, the third network coupled to a first network and wherein the network device is located inside the firewall (see figure 1 and the text related to figure, par. 0006, par. 0026-0028).

It would have been obvious to one of the ordinary skill in the art of networking to combine the teaching of Hall and Kennedy for a directory server coupled to multiple networks. Motivation for doing so would have been a system and method for access control within the context of a multi-party communications network that provides sufficient security of the data (see Kennedy: par. 0009).

Regarding claim 15, the limitations of this claim has already been addressed (see claim 2 above).

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Regarding claim 17, the limitations of this claim has already been addressed (see claim 4 above).

Regarding claim 18, the limitations of this claim has already been addressed (see claim 5 above).

Regarding claim 19, the limitations of this claim has already been addressed (see claim 6 above).

Regarding claim 20, the limitations of this claim has already been addressed (see claim 7 above).

Regarding claim 21, the limitations of this claim has already been addressed (see claim 8 above).

Regarding claim 22-23, (Cancelled).

Regarding claim 24, the limitations of this claim has already been addressed (see claim 13 above).

Claims 3,16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hall et al (Hall) US 2002/0133555 in view of Kennedy (US 2002/0162028) further in view of Guheen et al (Guheen) US 7,149,698.



Regarding claim 3, 16, Hall and Kennedy disclose substantially the invention as claimed in independent claims 1, 14 however does not disclose the apparatus of claim 1 and 14, wherein the network device comprises one of an inkjet printer, laser printer, wide format printer, or dot matrix printer. However in the same field of invention Guheen discloses wherein said the network device comprises one of an inkjet printer, laser printer, wide format printer, or dot matrix printer (see col. 146, lines 50-67).

It would have been obvious to one of the ordinary skill person in the art of networking at the time of the invention to combine the teaching of Hall, Kennedy and Guheen for the directory server for automatic network information access systems. Motivation for doing so would have been to accessing the directory server and comparing the received destination information with information in the company directory (see Hall: par. 0034, lines 24-26).

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to UMAR CHEEMA whose telephone number is (571)270-3037. The examiner can normally be reached on M-F 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Jr. Vaughn can be reached on 571-272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Uc

/William C. Vaughn, Jr./  
Supervisory Patent Examiner, Art Unit 2144